

12/10/98



Docket No. PHM.70293/US

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 12/10/98
 U.S. PTO
 09/209125

PTO/SB/05 (2000)

 Approved for use through 09/30/00. OMB 0651-0032
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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CERTIFICATE OF EXPRESS MAIL (37 CFR 1.10)

Label No. EE068530369US

I hereby certify that the attached papers and/or fee are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date shown below in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington D.C. 20231.

 December 10 1998
 Date

 Marie Greloch
 Print Name

Signature

UTILITY

PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b).)

Attorney Docket No.

PHM.70293/US

First Inventor or Application Identifier

JAYASHREE AIYAR ET AL.

Title

 Human Brain-Derived Tissue-Specific
 Potassium Channel

Express Mail Label No.

EE068530369US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

 ADDRESS TO: Assistant Commissioner For Patents
 Box Patent Application
 Washington, DC 20231

1. ☒ **FEE TRANSMITTAL FORM**
 (Submit an original, and a duplicate for fee processing).
2. ☒ **SPECIFICATION**
 Total Pages 134 pages to include 1 abstract
3. ☐ **DRAWING(S)** (35 USC 113)
4. ☒ **OATH OR DECLARATION**
 a. ☒ Newly executed
 b. ☐ Copy from a prior application (37 CFR 1.63(d).
 (for continuation/divisional with Box 15 completed)
 [Note Box 5 below]
 i. ☐ **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s)
 named in the prior application, see
 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
 The entire disclosure of the prior application, from which a
 copy of the oath or declaration is supplied under Box 4b,
 is considered as being part of the disclosure of the
 accompanying application and is hereby incorporated by
 reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. ☒ Nucleotide and/or Amino Acid Sequence Submission
 (If applicable, all necessary)
 a. ☒ Computer Readable Copy
 b. ☒ Paper Copy (identical to computer copy)
 c. ☒ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☒ Certificate of Express Mail ☒ Power of Attorney
10. ☒ Form PTO-1449 ☒ Copies of IDS Citations
11. ☒ Information Disclosure Statement
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
 (Should be specifically itemized)
14. ☒ Certified Copy of Priority Document(s)
15. ☐ Other: _____

15. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: ____ / ____
 Prior application information: Examiner _____ Group/Art Unit _____

16. CORRESPONDENCE ADDRESS

Name	ZENECA INC. LIPD Dept. (FOC 1 S/E) Patent and Trademark Administrator					
Address	1800 Concord Pike P.O. Box 15437					
City	Wilmington	STATE	Delaware	ZIP CODE	19850-5437	
Country	United States	TELEPHONE	(302) 886-4889	FAX	(302)886-8221	

16. AMENDMENTS

- ☐ Amend the specification by inserting before the first line the sentence:
 --This is a continuation of co-pending application Serial No. _____ filed on _____.--
- ☐ Cancel without prejudice in this application original claims of the prior application before calculating the filing fee.

17. FEE CALCULATION

Claims as filed, less any canceled by amendment above.

	No. Filed		No. Extra	Rate	Fee
BASIC FEE					\$760.00
Total Claims	30	- 20 =	10	x \$18	180.00
Indep. Claims	8	- 3 =	5	x \$78	390.00
Mult. Dep. Claims				\$260	-
				TOTAL FILING FEE	\$1330.00

18. PAYMENT OF FEES

- ☐ No filing fee is to be paid at this time.
- ☒ Charge Account No. 26-0166 in the amount of \$1330.00. This transmittal is enclosed in duplicate.

19. AUTHORIZATION TO CHARGE ADDITIONAL FEES

- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to **Deposit Account No. 26-0166**.

20. PRIORITY - 35 U.S.C. 119

- ☒ Priority of application is claimed under 35 U.S.C. 119 from application No. 9726339.6 filed on December 13, 1997 in the United Kingdom.
- ☐ The certified copy has been filed in prior application Serial No. _____ filed on _____.

21. ASSIGNMENT

- ☐ The prior application is assigned of record to ZENECA Limited (Reel _____, Frame _____).
- ☒ An assignment of the invention **Human Brain-Derived Tissue-Specific Potassium Channel** is attached.

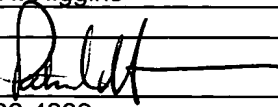
22. POWER OF ATTORNEY

- ☐ The Power of Attorney in the prior application is to:

and by Associate Power of Attorney:

- ☐ The power appears in the original papers in the prior application.
- ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
- ☒ A new power has been executed and is attached.
- ☐ A copy of the Associate Power of Attorney in the prior application is attached.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Name	Patrick H. Higgins
Registration No.	39,709
Signature	
Telephone No.	(302) 886-4889
Date	December 10, 1998

Revised 3/10/98

#4
ZENECA Inc.
Docket No. PHM.70293/US



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December 10, 1998
(Date)

Marie Greloch
(Printed Name)

Marie Greloch
(Signature)

Provisional Application of: **JAYASHREE AIYAR ET AL.**

Docket No.: **PHM.70293/US**

For: **HUMAN BRAIN-DERIVED TISSUE-SPECIFIC POTASSIUM CHANNEL**

ZENECA Inc.
Docket No. PHM.70293/US

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Date of Deposit: December 10, 1998